



United States Department of Agriculture
National Agricultural Statistics Service

Keystone Ag Digest



Cooperating with the Pennsylvania Department of Agriculture

4050 Crums Mill Road, Suite 203 · Harrisburg, PA 17112
(717) 787-3904 · (717) 782-4011 FAX · www.nass.usda.gov

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This publication may be found on the Internet at www.nass.usda.gov/pa and click on "Pennsylvania Publications."			

Note to Survey Respondents: Results of many surveys we conduct throughout the year are included in this report! Most survey results are not published individually. **Thank you** for taking the time to complete our surveys!

AUGUST YIELD SURVEY RESULTS

The results of the August Yield Survey are contained on Pages 2 and 3 of this release.

We wish to thank those farm operators who provided information for that report.

MILK PRODUCTION

Milk production in Pennsylvania during July 2010 totaled 909 million pounds, up from last July's production of 894 million pounds. The number of milk cows in the state during the month averaged 541,000 head, the same the previous month, but 4,000 less than July 2009. Production per cow averaged 1,680 pounds in July, 20 pounds more than June's production per cow of 1,660 pounds and 40 pounds more than from July 2009.

Milk production in the 23 states surveyed during July 2010 totaled 15.3 billion pounds, up 3.0 percent from July 2009. June revised production, at 15.2 billion pounds, was up 2.9 percent from June 2009. The June revision represented an increase of 23 million pounds or 0.2 percent from last month's preliminary production estimate. Production per cow in the 23 major states averaged 1,830 pounds for July, 59 pounds above July 2009. The number of milk cows on farms in the 23 major states was 8.37 million head, 26,000 head less than July 2009, but 19,000 head more than June 2010.

SOURCE: **Milk Production**, 3:00 p.m., August 18, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov

PRODUCTION OF SELECTED DAIRY PRODUCTS

Product	Jun 2009	May 2010	Jun 2010
000 Lbs.			
PENNSYLVANIA			
Butter	5,709	¹	¹
Ice Cream	3,571	2,856	3,282
UNITED STATES			
Butter	125,301	130,489	118,335
Cheese:			
American Types	356,869	370,281	370,377
Brick and Muenster	10,471	10,560	10,010
Cream and Neufchatel	58,270	56,803	65,594
Mozzarella.....	268,901	293,788	290,820
Swiss	27,349	28,869	27,501
Total Cheese.....	838,100	879,255	881,802
Sour Cream.....	93,644	93,408	98,815
Yogurt, Plain & Flavored	332,379	339,906	352,215
000 Gal.			
Frozen Products			
Ice Cream, Regular, Hard....	89,319	81,929	84,552
Ice Cream, Lowfat, Total	42,050	37,466	45,507
Ice Cream, Nonfat, Hard	1,538	1,424	1,281
Sherbet, Hard.....	5,497	4,622	4,784
Frozen Yogurt, Total.....	7,544	6,808	7,628
Mix for Frozen Products			
Ice Cream Mix.....	49,073	45,373	48,635
Ice Cream, Lowfat, Mix.....	24,227	21,519	26,071
Ice Cream, Nonfat, Mix.....	925	889	740
Sherbet Mix.....	3,565	2,964	3,148
Yogurt Mix.....	4,102	4,126	4,623

¹ Estimate not published to avoid disclosure.

SOURCE: **Dairy Products**, 3:00 p.m., August 2, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

MILK COWS AND MILK PRODUCTION

Item	Unit	Pennsylvania			23 States		
		July 2009	June 2010	July 2010	July 2009	June 2010	July 2010
Milk Cows	Thous.	545	541	541	8,397	8,352	8,371
Milk Per Cow	Lbs.	1,640	1,660	1,680	1,771	1,817	1,830
Milk Production	Mil. Lbs.	894	898	909	14,867	15,177	15,316

SOURCE: **Milk Production**, 3:00 p.m., August 18, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

PENNSYLVANIA CROP FORECAST

Based on August 1, 2010 forecasts for yield and production, the **Keystone State's** farmers expect to produce more barley and oats than last year. Production is expected to be below last year for winter wheat, corn for grain, soybeans, dry alfalfa hay, and other dry hay.

Winter wheat acres harvested totaled 155,000, which is 11 percent less than last year. The winter wheat yield as of August 1 is estimated at 61 bushels per acre, unchanged from the July 1 forecast, and up 5 bushels per acre from the final yield for 2009. The resulting winter wheat production of 9.46 million bushels is 4 percent below last year.

Barley acreage for harvest, at 50,000, is 5,000 acres more than 2009. Barley yield is forecast at 75 bushels per acre, down 2 bushels per acre from the July 1 forecast, but unchanged from a year ago. Barley production is expected to be 3.75 million bushels, 11 percent above last year's production.

Oats acreage for harvest, at 85,000, is up 5,000 acres from a year ago. Based on crop conditions as of August 1, the oat yield is forecast at 61 bushels per acre, which is unchanged from the July 1 forecast and last year's final yield. The resulting oat production of 5.19 million bushels would be 6 percent above last year.

Corn acreage to be harvested for grain at 940,000, is 20,000 acres more than 2009. Based on crop conditions as of August 1, corn yield is forecast at 132 bushels per acre, which is 11 bushels per acre below last year's yield. If realized, the corn for grain production would be 124.1 million bushels, which is 6 percent less than last year. Soybean acreage for harvest is set at 465,000, up 20,000 acres from last year. The expected yield, based on August 1 conditions, is 43 bushels per acre, down 3 bushels from 2009. Production is set at 20.0 million bushels, 2 percent below last year.

Alfalfa acreage harvested for dry hay is estimated at 450,000, down 50,000 acres from 2009. As of August 1, yield is forecast at 2.90 tons per acre, unchanged from last year. The resulting production, at 1.31 million tons, would be 10 below last year.

All other hay acres harvested for dry hay is estimated at 1,100,000, up 50,000 acres from last year. The expected yield as of August 1 of 2.00 tons per acre is down 0.1 ton per acre from 2009. Total production, at 2.20 million tons, is down only slightly from 2009.

SOURCE: **Crop Production**, 8:30 a.m., August 12, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.



U.S. CROP FORECAST

Winter wheat production is forecast at 1.52 billion bushels, up 1 percent from last month and up slightly from 2009. The U.S. yield is forecast at 47.5 bushels per acre, up 0.6 bushel from last month and up 3.3 bushels from last year. If realized, this will be the second highest yield on record, trailing only 1999. The area expected to be harvested for grain totals 32.1 million acres, unchanged from last month but down 7 percent from last year.

Barley production for 2010 is forecast at 184 million bushels, up 1 percent from the previous forecast, but down 19 percent from 2009. Based on conditions as of August 1, the average yield for the U.S. is forecast at 72.3 bushels per acre, up 0.7 bushel from the July 1 forecast, but down 0.7 bushel from a year ago. While the forecasted yield per acre is down 1 percent from a year ago, the expected decline in production is more a reflection of the lowest planted acreage on record and the lowest expected harvested acreage since 1883. Area harvested for grain or seed, at 2.55 million acres, is unchanged from the previous forecast, but down 18 percent from 2009.

Oat production is forecast at 87.2 million bushels, 1 percent below the July 1 forecast and down 6 percent from 2009. If realized, this will be the lowest production on record. Based on conditions as of August 1, the yield is forecast at 66.3 bushels per acre, down 0.4 bushel from last month's forecast and down 1.2 bushels from 2009's record high yield. Growers expect to harvest 1.32 million acres for grain or seed, unchanged from last month but down 5 percent from last year. If realized, this will be the smallest harvested area on record.

Corn production is forecast at a record high 13.4 billion bushels, up 2 percent from the previous record set in 2009. Based on conditions as of August 1, yields are expected to average a record high 165.0 bushels per acre, up 0.3 bushel from last year's record of 164.7. Yield prospects are lower in both the Atlantic Coast region and Tennessee Valley due to above normal temperatures and dry conditions.

Soybean production is forecast at a record high 3.43 billion bushels, up 2 percent from last year. Based on August 1 conditions, yields are expected to average 44.0 bushels per acre, unchanged from last year's record high yield. Compared with last year, yields are forecast higher across the northern tier states, with increases of 4 bushels or more in Minnesota, North Dakota, Pennsylvania, and Wisconsin. Delaware, Maryland, and Virginia are all expecting yields to be down more than 10 bushels from 2009 due to very hot and dry weather this summer. Area for harvest in the U.S. is forecast at 78.0 million acres, unchanged from June, but up 2 percent from 2009.

Production of alfalfa and alfalfa mixtures for dry hay is forecast at 72.5 million tons, up 2 percent from last year. Based on August 1 conditions, yields are expected to average 3.49 tons per acre, up 0.14 ton from last year. If realized, this will be the second highest yield on record, trailing only the 3.51 tons per acres in 1999. Harvested area is forecast at 20.7 million acres, unchanged from June, but down 2 percent from the previous year's acreage.

Production of all other dry hay for 2010 is forecast at 81.4 million tons, up 7 percent from last year. If realized, this will be the second highest production level on record. Based on August 1 conditions, yields are expected to average 2.09 tons per acre, up 0.11 ton from last year. If realized, this will be a record high yield, surpassing the 2.06 tons per acre in 2004. Harvested area is forecast at 38.9 million acres, unchanged from June but up 1 percent from 2009.

SOURCE: **Crop Production**, 8:30 a.m., August 12, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

CROP PROSPECTS – AUGUST 1, 2010 WITH COMPARISONS

Crop	Year	Pennsylvania				United States				Unit
		Acreage (000)		Production		Acreage (000)		Production		
		Planted	Harvested	Per Acre	(000)	Planted	Harvested	Per Acre	(000)	
Corn.....	2009	1,350	920 ¹	143.0	131,560	86,482	79,590 ¹	164.7	13,110,062	Bu.
	2010	1,350	940 ¹	132.0	124,080	87,872	81,005 ¹	165.0	13,365,225	Bu.
Wheat, Winter	2009	190	175	56.0	9,800	43,311	34,485	44.2	1,522,718	Bu.
	2010	170	155	61.0	9,455	37,723	32,085	47.5	1,522,902	Bu.
Oats	2009	110	80	61.0	4,880	3,404	1,379	67.5	93,081	Bu.
	2010	110	85	61.0	5,185	3,176	1,315	66.3	87,239	Bu.
Barley	2009	60	45	75.0	3,375	3,567	3,113	73.0	227,323	Bu.
	2010	60	50	75.0	3,750	2,972	2,546	72.3	184,032	Bu.
Soybeans.....	2009	450	445	46.0	20,470	77,451	76,372	44.0	3,359,011	Bu.
	2010	470	465	43.0	19,995	78,868	77,986	44.0	3,433,370	Bu.
Hay, Dry Alfalfa	2009	-	500	2.90	1,450	-	21,227	3.35	71,030	Ton
	2010	-	450	2.90	1,305	-	20,732	3.49	72,455	Ton
Hay, Dry Other	2009	-	1,050	2.10	2,205	-	38,528	1.98	76,412	Ton
	2010	-	1,100	2.00	2,200	-	38,924	2.09	81,439	Ton
Tobacco, All	2009	-	8.2	2,276	18,660	-	354.2	2,322	822,567	Lbs.
	2010	-	8.5	2,426	20,620	-	327.4	2,210	723,543	Lbs.
Potatoes, Fall	2009	10.0	9.5	310	2,945	937.1	919.6	428	393,503	Cwt
	2010	10.0	9.5	²	²	896.1	882.3	²	²	Cwt

¹ Harvested for grain, remainder of planted acres for silage and other uses. ² Not available until November.

SOURCE: **Crop Production**, 8:30 a.m., August 12, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

FRUIT FORECAST

The following forecasts are made based upon conditions on August 1, 2010:

Apples: Pennsylvania's production is forecast at 488 million pounds, down 4 percent from last year's crop and up 11 percent from 2008. Numerous producers reported frost damage, while others were affected by hail. The first U.S. forecast of the 2010 season is 9.48 billion pounds, down 4 percent from last year and 2 percent lower than the 2008 crop. Poor weather conditions for apple production were reported by growers in the apple estimating States.

Grapes: Pennsylvania's production forecast is 80,000 tons, up 25 percent from last year and down 25 percent from 2008. The crop is about two weeks ahead of schedule. There has been some mildew and disease pressure is light to moderate. U.S. grape production is forecast at 7.09 million tons, down 3 percent from 2009 and 3 percent below 2008.

Peaches: Pennsylvania peach producers expect to harvest 21,700 tons of peaches from their orchards in 2010, down 22 percent from 2009. This estimate is down 200 tons from the July 1 forecast. Mixed reviews are being seen, with peach harvest underway. The U.S. peach production forecast is 1.13 million tons, down less than 1 percent from the July 1 forecast but 2 percent above 2009.

Pears: The Pennsylvania crop is forecast at 2,800 tons, down 52 percent from 2009 and up 17 percent from the 2008 crop. Most producers reported pollination problems and a late spring freeze. U.S. pear production is forecast at 854,800 tons, down 11 percent from last year and 2 percent below 2008.

SOURCE: **Crop Production**, 8:30 a.m., August 12, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

AUGUST 1, 2010 FRUIT FORECASTS WITH COMPARISONS

Crop	Year	Production	
		Pennsylvania	United States
		<i>Million Pounds</i>	
Apples.....	2008	440.0	9,633.3
	2009	510.0	9,914.9
	2010	488.0	9,476.1
		<i>Tons</i>	
Peaches.....	2008	21,200	1,135,310
	2009	27,900	1,103,770
	2010	21,700	1,125,990
Pears.....	2008	2,400	869,850
	2009	5,820	957,220
	2010	2,800	854,800
Grapes.....	2008	107,200	7,319,260
	2009	64,000	7,294,840
	2010	80,000	7,093,400

SOURCE: **Crop Production**, 8:30 a.m., August 12, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.



AGRICULTURAL LAND VALUES HIGHLIGHTS

The United States farm real estate value, a measurement of the value of all land and buildings on farms, averaged \$2,140 per acre on January 1, 2010, up 1.4 percent from 2009. Regional changes in the average value of farm real estate ranged from a 4.9 percent increase in the Northern Plains regions to a 3.3 percent decline in the Southeast region. The highest farm real estate values remained in the Northeast region at \$4,690 per acre. The Mountain region had the lowest farm real estate value, \$911 per acre.

The United States cropland value increased by \$30 per acre (1.1 percent) to \$2,700 per acre. In the Northern Plains and Delta regions, the average cropland value increased 6.9 and 6.1 percent, respectively, from the previous year. However, in the Southeast and Mountain regions, cropland values decreased by 5.3 percent and 5.0 percent, respectively.

The United States pasture value was unchanged from 2009 at \$1,070 per acre. The Southeast region had the largest percentage decrease in pasture value, 5.6 percent below 2009. The Northern Plains region had the highest percentage increase, 3.8 percent above 2009.

SOURCE: **Land Values and Cash Rents**, 3:00 p.m., August 4, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

AGRICULTURAL CASH RENTS HIGHLIGHTS

Nationally, cash rents per acre paid to landlords for cropland in 2010 rose \$3.00 (3.0 percent), while pasture rents remained unchanged. Cropland cash rents averaged \$102.00 per acre, compared with \$99.00 per acre for 2009. Pasture cash rents averaged \$11.00 per acre, consistent with the 2009 price but above the 2008 price of \$10.50. The increase in cropland land rental rates are the result of producers receiving strong commodity prices, while pasture cash rent is affected less by commodity prices and more by land values.

The Appalachian region had the highest percentage increase for cropland, 7.6 percent above 2009. Cropland cash rents increased \$2.50 per acre to \$71.00 in the Northern Plains region and \$3.00 per acre to \$152.00 in the Corn Belt region. The Corn Belt and Northern Plains regions account for slightly more than one half of cash rented cropland acreage in the United States.

The major corn and soybean producing states of Illinois, Indiana, and Iowa experienced increases in cropland cash rents. Illinois increased 3.7 percent to \$169.00 per acre, while Indiana and Iowa both increased approximately 1 percent to \$141.00 and \$176.00 per acre, respectively.

While pasture rent in the Northern Plains remained unchanged from the previous year, rents in the Southern Plains increased by 10 cents and rents in the Mountain region decreased 10 cents. The Northern Plains, Southern Plains, and Mountain regions account for nearly 83 percent of the cash rented pasture acreage in the United States. The cash rent paid for pasture in the Corn Belt region decreased \$1.50 to \$29.50 per acre, which is the highest cash rent paid for pasture in the United States.

SOURCE: **Land Values and Cash Rents**, 3:00 p.m., August 4, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

PA & SELECTED STATES: AVERAGE VALUE PER ACRE , AVERAGE CASH RENT PER ACRE, 2010

State	Farmland	Cropland	Pasture
	Avg Value Per Acre	Rent Per Acre	Rent Per Acre
(Dollars)			
Northeast:			
Maryland	7,200	65.00	--
New Jersey	13,100	55.00	--
New York	2,400	43.50	--
Pennsylvania...	5,000	56.50	25.00
Lake States:			
Michigan	3,650	80.50	--
Minnesota	2,940	121.00	24.00
Wisconsin	3,720	92.00	32.00
Corn Belt:			
Illinois.....	4,650	169.00	39.00
Indiana.....	4,100	141.00	--
Iowa	3,900	176.00	40.00
Ohio	3,900	101.00	--
Northern Plains:			
Kansas.....	1,060	50.00	15.50
Nebraska	1,460	135.00	16.00
North Dakota.....	810	46.50	13.00
Appalachian:			
Kentucky	2,880	103.00	--
North Carolina...	4,130	63.00	24.00
Tennessee	3,450	78.00	19.00
Virginia.....	4,600	45.00	19.00
West Virginia.....	2,400	32.00	--

SOURCE: **Land Values and Cash Rents**, 3:00 p.m., August 4, 2010, National Agricultural Statistics Service, USDA; available at www.nass.usda.gov.

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UNITED STATES
DEPARTMENT OF AGRICULTURE
National Agricultural Statistics Service
Pennsylvania Field Office
4050 Crums Mill Road, Suite 203
Harrisburg, PA 17112-2875